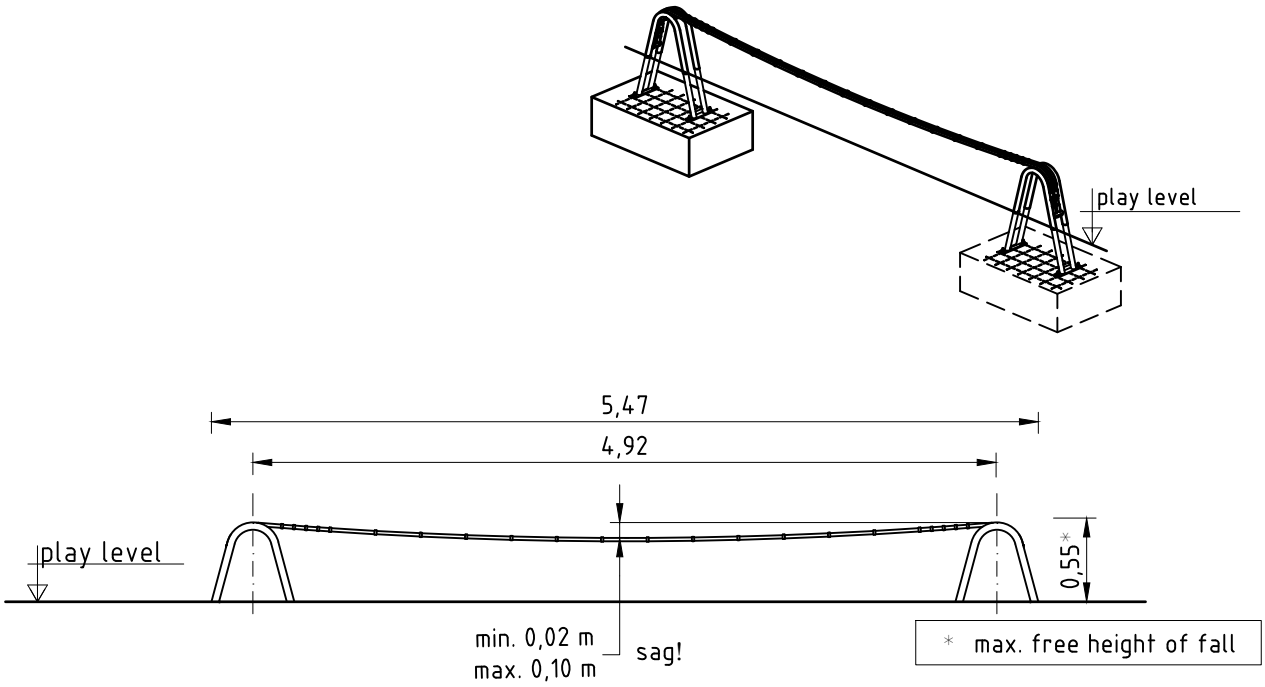
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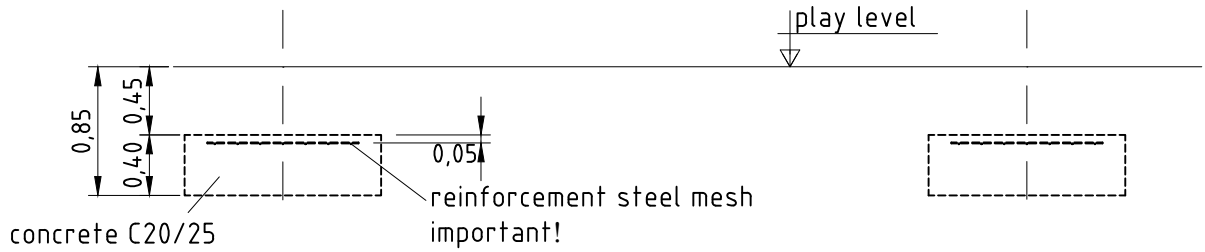
1. Assign a location for the equipment considering the space requirements/impact area.
2. Excavate soil for foundations, according to drawing.
   Please note: To achieve maximum stability and a safe installation, a moderate level of soil solubility is required.
3. Grout foundation holes with compressed concrete C20/25 and insert meshed reinforcement steel as shown. Keep to a minimum cover of 5cm of concrete and prepare the foundations in line and at the same level.
4. Curing process.
5. Cover foundations with a surfacing material which meets the requirements for impact attenuation, so that its critical fall height is equal to or greater than the maximum free height of fall of the equipment (acc. to EN 1176-1).
6. After concrete has set, place the rope brackets onto the foundations, each with its rope holder on the outer face. Align them both exactly in line and at the same level by means of a spirit level and a straightedge!
   - Use properly positioned rope brackets as drilling jigs.
   - See page 3 for anchorage
   (resin capsules and threaded rods M16 included in delivery).
   - Attention, use a drilling tool with a diameter of ⌀18 mm, appropriate for reinforced concrete!
7. See page 3 for rope insertion and tensioning. Before mounting the rope, unscrew the pre-installed hexagon head bolts. Insert the clamping sockets into the rope holders, tighten them bottom-up until the engraved installation mark on the socket is covered by the rope holder.
   Thereby, keep to a maximum rope sag between 0,02 m and 0,10 m!
8. Place the bolt locking shim onto the screw heads and fix it!
9. According to maintenance instructions, check all screw connections after 4-5 weeks and retighten, if necessary.

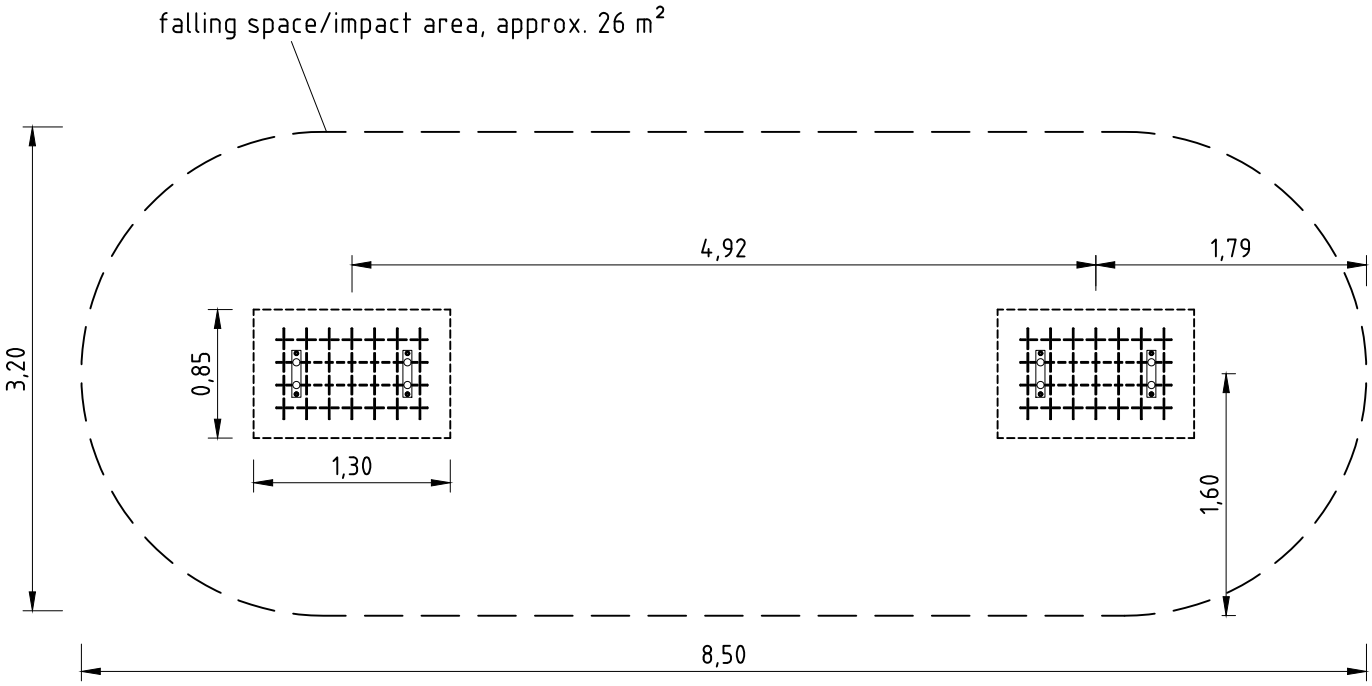
Please ensure that all special tools (e.g. Allen key for secured Allen screws etc.) and all specific documents which are or may be useful for safety management acc. to EN 1176-7 (e.g. invoice, delivery note, order acknowledgement, installation instructions, maintenance instructions) are forwarded to the persons responsible .

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foundation layout

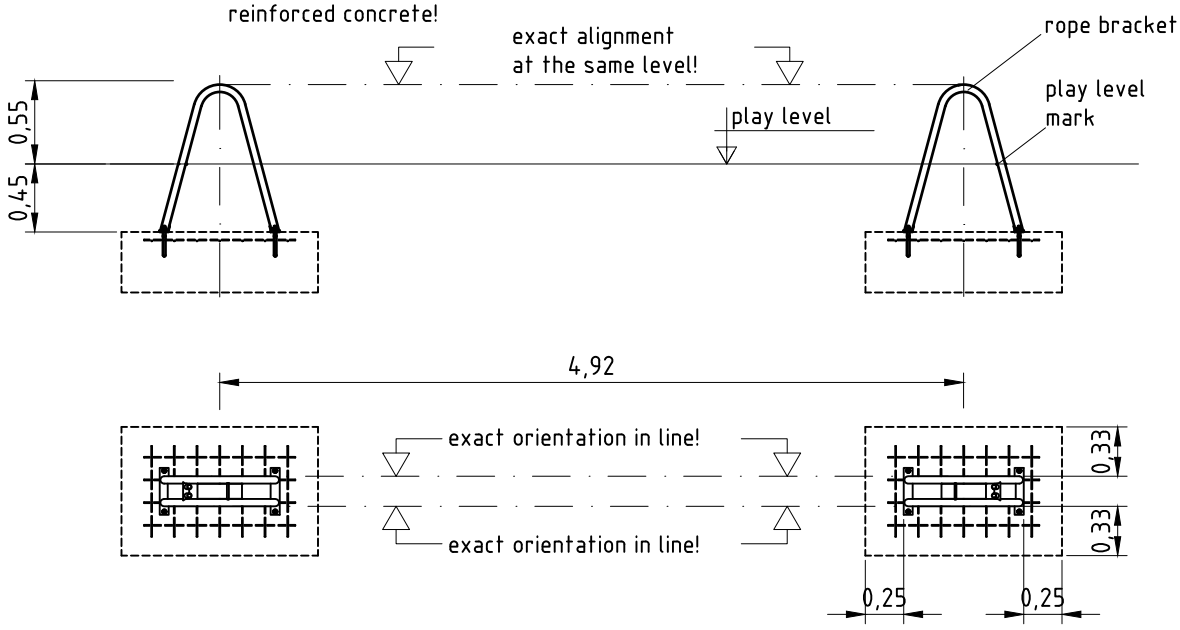




rope brackets on foundations

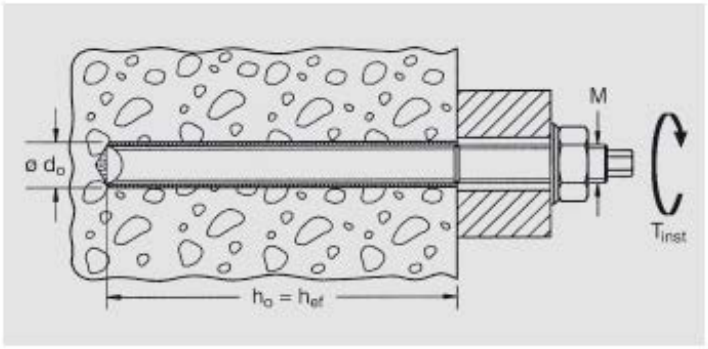
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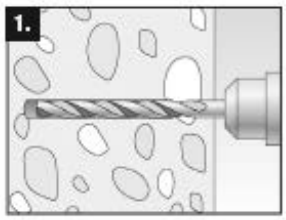
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- See page 3 for anchorage
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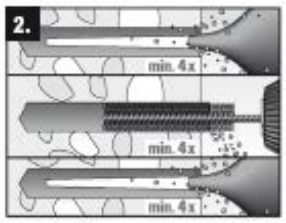


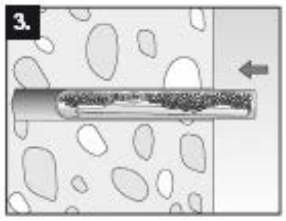
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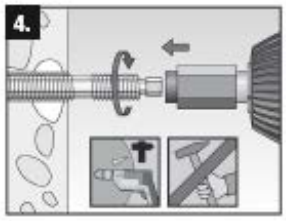
anchoring:

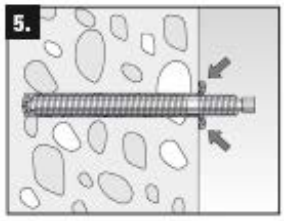


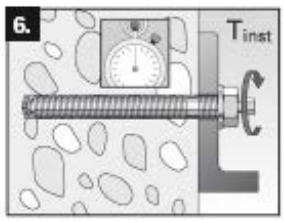












RM	Art. No.	RG M / RG M E	ø d_o mm	$h_o = h_{ef}$ mm
R M 16 E	512708	RG M 16 E	18	190

DEUTSCH

Montageanleitung

Technische Daten siehe Faltschachtel.

1. Bohrloch mit zutreffenden Abmessungen erstellen (siehe Faltschachtel).

2. Bohrloch gründlich reinigen – 4 mal ausblasen, 4 mal bürsten und wieder 4 mal ausblasen.

3. Reaktionspatrone in das gereinigte Bohrloch einstecken.

4. – 5. Die Gewindestange (oder der Innengewindeanker) muss mit einer Schlagbohrmaschine oder einem Bohrhammer unter Schlag- und Drehbewegung gesetzt werden. Die Geschwindigkeit der Maschine soll zwischen 250 und 750 U/min. liegen.
Beim Erreichen des Bohrlochgrundes die Maschine sofort abschalten.
Wenn kein Überschussmörtel austritt, darf der Anker nicht belastet werden.

Wichtig: Zu langes Drehen des Ankers beim Setzen oder Einschlagen ohne Drehbewegung ist nicht zulässig.

6. Aushärtezeiten: Während der Aushärtezeit den Anker nicht berühren.
Die Aushärtezeit (siehe Faltschachtel) hängt von der Temperatur im Verankerungsgrund ab. In feuchten Bohrlöchern ist sie zu verdoppeln.
Anbauteil montieren und Montagedrehmoment T_{inst} (siehe Faltschachtel) aufbringen.

Vor direkter Sonneneinstrahlung schützen. Kühl u. trocken lagern (+ 5 °C bis + 25 °C).

ENGLISH

Instruction Installations

See box for technical data.

1. Drill appropriate sized hole (see box).

2. Clean drill hole thoroughly – Blow out the hole 4 times, brush out the hole 4 times and again blow out the hole 4 times.

3. Insert the resin capsule into the cleaned drill hole.

4. – 5. The threaded rod (or internal threaded anchor) has to be set with an electric impact drilling machine or hammer drill operating in hammer and rotary action at the same time. The speed of the power tool should be between 250 to 750 rpm.
Switch off the power tool immediately when the threaded rod touches the drill hole base.
If no surplus resin expels from the drill hole the anchor is not to be exposed to any load.

Important: Excessive rotation of the threaded rod or hammering home without rotary action is not permitted.

6. Curing time: Do not touch the anchor during the curing time.
The curing time (see box) depends on the temperature in the base material. In damp hole it has to be doubled.
Mount the fixture and apply the installation torque T_{inst} (see box).

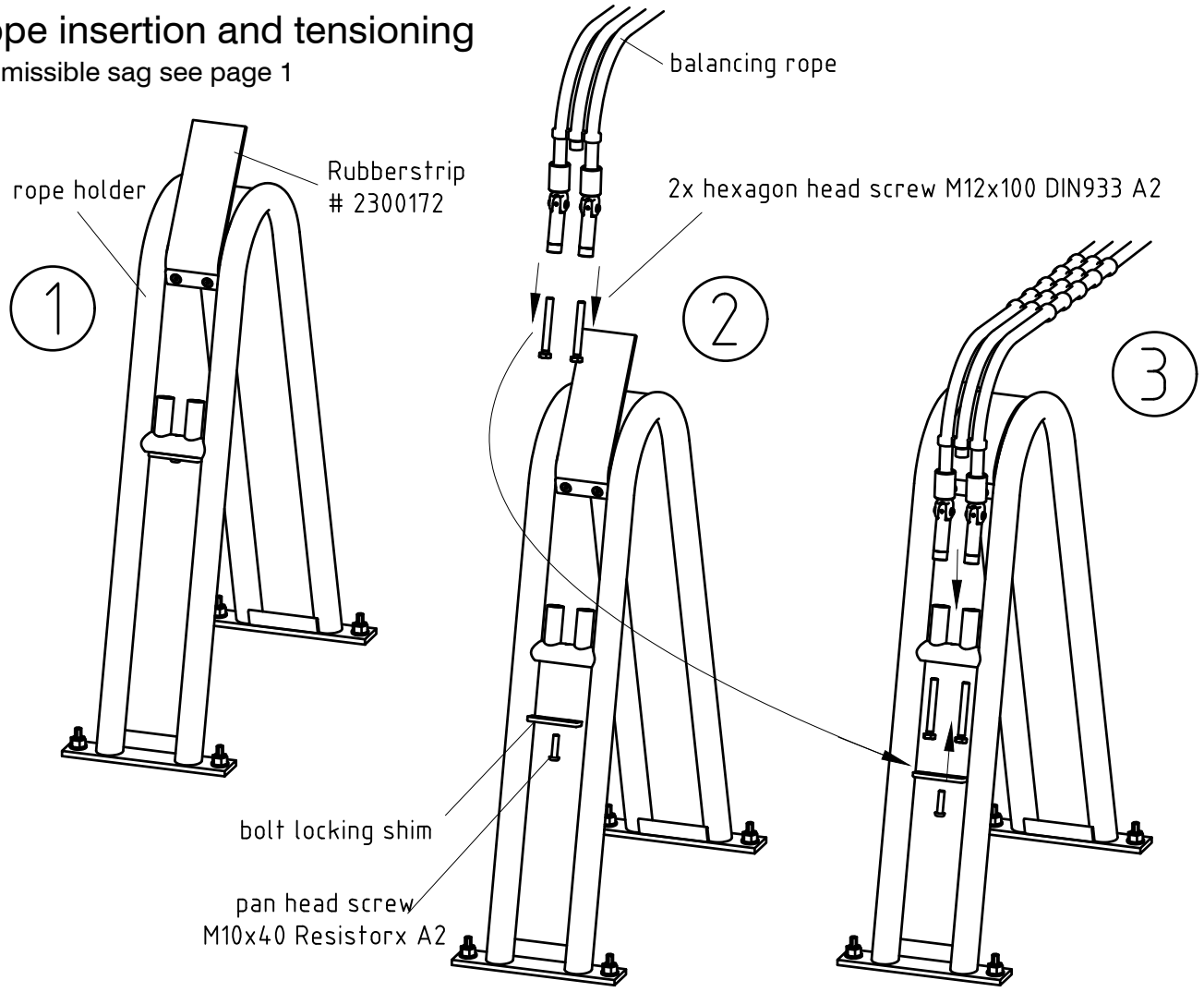
Protect from direct sun light. Store cool an dry (+ 5 °C to + 25 °C).

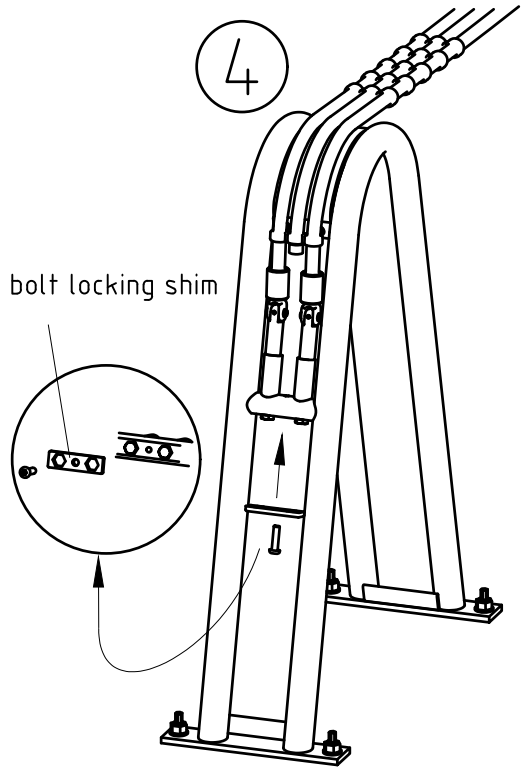
°C	-15 – -10	-9 – -5	-4 – ±0	+1 – +5	+6 – +10	+11 – +20	+21 – +30	+31 – +40
	30 h	16 h	10 h	45 min	30 min	20 min	5 min	3 min

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rope insertion and tensioning

admissible sag see page 1

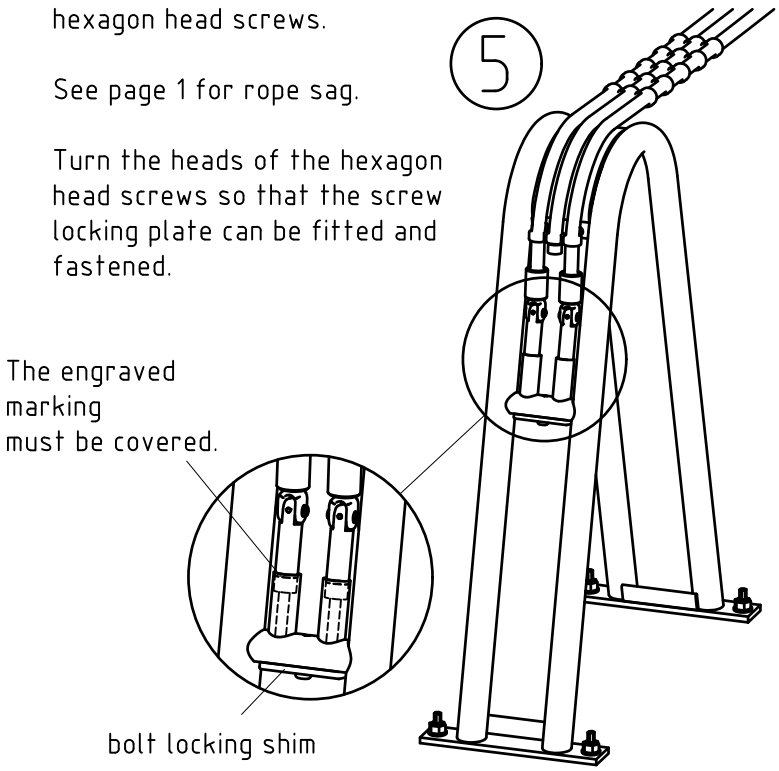




Tension the rope evenly with hexagon head screws.

See page 1 for rope sag.

Turn the heads of the hexagon head screws so that the screw locking plate can be fitted and fastened.



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List of screw connections

Item: **0-52126-002**

1294335

8 x SFAS1000001 **Dowel mounting**



per SC	Total	K&K-Item	Marking
1 x	8 x	3420025	Threaded rod RG M16 x 190 A4 Fischer
1 x	8 x	3420024	Two-component resin capsule RSB16

1 x SFWZ0000015 **Blow-out pump for drill holes**



per SC	Total	K&K-Item	Marking
1 x	1 x	3490056	Blow-out for drilled holes

1 x SFWZ0000016 **Cleaning brush for anchor drill holes**



per SC	Total	K&K-Item	Marking
1 x	1 x	3490045	Nozzle cleaning brush Ø 20 mm, Nylon

1 x SFWZ0000002 **Security TORX wrench TR45**



per SC	Total	K&K-Item	Marking
1 x	1 x	3490033	Allen key security TORX TR45

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